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(54) Title: TOLL-LIKE RECEPTOR 2 (TLR-2) HAPLOTYPES PREDICT OUTCOME OF PATIENTS

| | Relative Position | | | | | | | | | | | |
|-----------|-------------------|--------|--------|--------|--------|-----|-----|------|------|------|------|-----------|
| Haplotype | -16934 | -16693 | -16692 | -15730 | -15607 | 596 | 638 | 1349 | 1622 | 1891 | 2257 | Frequency |
| 1 | Α | C | G | Α | Α | _T | G | T | C | C | G | 8 |
| 2 | A | С | G | G | Α | Τ | G | T | C | C | G | 1 |
| 3 | A | С | G | A | A | C | G | C | C | C | G | 8 |
| 4 | A | С | G | A | Α | C | G | T | C | C | G | 4 |
| 5 | A | С | G | A | Α | C | C | T | С | С | G | 1 |
| 6 | T | C | G | Α | G | Τ | G | T | С | C | G | 19 |
| 7 | T | C | G | A | G | T | G | T | C | С | A | 1 |
| 8 | Τ | T | G | Α | Α | T | G | T | С | A | G | 2 |
| 9 | T | C | A | Α | Α | C | G | T | T | C | G | 1 |
| 10 | Ţ | С | G | Α | A | T | G | T | C | C | G | 1 |

(57) Abstract: The invention provides methods and kits for obtaining a prognosis for a subject having or at risk of developing an inflammatory condition and or a gram positive infection. The method generally includes determining a toll-like receptor 2 (TLR-2) risk genotype of a subject for one or more SNPs, comparing the determined genotype with known genotypes for the polymorphism that correspond with the ability of the subject to recover from the inflammatory condition and identifying subjects based on their prognosis.

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 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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